EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	burgler.in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/13 11:32
S1	50	(("20070180694") or ("7305953") or ("20070074685") or ("20080276888") or ("4616389") or ("5273710") or ("4501093") or ("4615310") or ("4630498") or ("4876916") or ("4967705") or ("5207120") or ("5299881") or ("5307708") or ("5343618") or ("5359813") or ("5371973") or ("5373921") or ("5465817") or ("5507684") or ("5529531") or ("5536201") or ("5601057") or ("5682847") or ("5685264") or ("5692948") or ("5732667") or ("5741174") or ("5975995") or ("6015336") or ("6045307") or ("6076491") or ("6125806") or ("6182362") or ("20060143888") or ("20070039172") or ("20080222889") or ("20080301938") or ("20090139368") or ("4951419") or ("4963164") or ("4402204") or ("4524597") or ("4528831") or ("4548031") or ("4551901") or ("4618125") or ("4793171") or ("5732589") or ("6802111") or (").pn.")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/30 15:31
S2	0	knurl* and cam	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/31 11:52
S3	1112	knurl and cam	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/31 11:52
S4	811	knurl and cam and shaft	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/31 11:53
S5	102	knurl and (cam adj shaft)	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/31 11:53
S6	18324	knurl$ and cam	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 14:55
S7	9808	(assembly or assemble) and S6	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 14:56
S8	8400	(rotate or spin or turn) and S7	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 14:56
S9	0	"afixing by deforming"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 15:05
S10	0	"knurling by deforming"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 15:06
S11	11643	knurling	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 15:06
S12	6916	knurl	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 15:06

S13	84192	knurl$	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 15:07
S14	17500	solid and S13	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 15:07
S15	10526	metal and S14	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 15:07
S16	7772	plastic and S14	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 15:07
S17	7348	S15 xor S16	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 15:08
S18	28	(310/156.14).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/04 15:10
S19	48768	knurl$ and (assemble or assembly or insert or attach)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 15:13
S20	38269	(shaft or rod or cylinder or bar or pipe or extrusion) and S19	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 15:15
S21	27537	(rotate or spin or turn) and S20	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 15:15
S22	9105	(cam or camshaft) and S21	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 15:17
S23	7906	(press or force or compress or push) and S22	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 15:21
S24	491763	burgler, robert.in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 15:25
S25	2	"burgler, robert".in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 15:25
S26	2	("3471178").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/04 15:27
S27	23	(("6416245") or ("5419247") or ("5307708") or ("4903543") or ("4265388") or ("20020096014") or ("0462081") or ("2156937")).PN. or (02/150541).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/08/04 15:31
S28	11	("4903543").URPN.	USPAT	OR	ON	2009/08/04 15:37
S29	246	(403/242).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/04 15:39
S30	10	("5307708").URPN.	USPAT	OR	ON	2009/08/04 15:49
S31	1	("5,299,881").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/04 15:52

S32	5	("4798178" | "4804290" | "4826347" | "5307708" | "5598631").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 16:00
S33	0	("6502538").URPN.	USPAT	OR	ON	2009/08/04 16:00
S34	0	("6502538").URPN.	USPAT	OR	ON	2009/08/04 16:01
S35	8	("2279954" | "2279956" | "4882825" | "4903543" | "5307708" | "5503494").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 16:06
S36	39	"composite camshaft"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 16:08
S37	26	("5272930").URPN.	USPAT	OR	ON	2009/08/04 16:21
S38	2	("0265663").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/04 16:24
S39	2	("0265663").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/08/04 16:24
S40	0	("EP265663A1").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2009/08/04 16:24
S41	0	("6416245").URPN.	USPAT	OR	ON	2009/08/05 08:24
S42	8	("2279954" | "2279956" | "4882825" | "4903543" | "5307708" | "5503494").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/05 08:24
S43	4	("3717190").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/05 08:26
S44	10	("5307708").URPN.	USPAT	OR	ON	2009/08/05 10:16
S45	1	(knurl near pipe) and (spin or rotate or turn) and (grip or clamp or hold or fasten)	USPAT	OR	ON	2009/08/05 10:22
S46	0	"device for knurling"	USPAT	OR	ON	2009/08/05 10:23
S47	5815	knurling	USPAT	OR	ON	2009/08/05 10:23
S48	32	"knurling device"	USPAT	OR	ON	2009/08/05 10:23

S49	6	("4030331").URPN.	USPAT	OR	ON	2009/08/05 10:29
S50	25	"knurling tool" and (conical or cone) and motor	USPAT	OR	ON	2009/08/05 10:30
S51	2	("0265663").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/06 07:55
S52	6	((knurl or knurling or knurler) near (tool or machine or device)).ti. and (rod or bar or pipe or cylinder)	USPAT	OR	ON	2009/08/06 08:00
S53	2	("4881680").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/08/10 16:48
S54	210	(29/888.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/19 15:31
S55	10267	(29/(428,430,444,525,564,564.1,33K,650,700,505,508,516,517,521)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/31 15:39
S56	3213580	deform$3 or knurl$3 or wide$2	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/31 15:40
S57	3457	S56 and S55	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/31 15:40
S58	0	(29/(428)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/31 15:41
S59	3459	(29/428).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/31 15:41
S60	1210	S59 and S56	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/31 15:42
S61	57	(/428,430,29/444).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/31 16:24
S62	23	S61 and S56	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/31 16:25
S63	786	29/525.ccls. and S56	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/31 16:27
S64	1	("4878289").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/31 17:09
S65	7	("5315752").URPN.	USPAT	OR	ON	2009/08/31 17:09

S66	10	("4612695" | "4616389" | "4620454" | "4660269" | "4693138" | "4708029" | "4763614" | "4774852" | "4781075" | "4781076").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/31 18:03
S67	11	("4947547").URPN.	USPAT	OR	ON	2009/08/31 18:04
S68	5	("2906012" | "3810293" | "3916499" | "4763394").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/01 08:09
S69	1	("5067231").URPN.	USPAT	OR	ON	2009/09/01 08:12
S70	3215176	deform$3 or knurl$3 or wide$2	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/01 08:48
S71	0	(press$3 near fit$4) and S70	FPRS; EPO; JPO; DERWENT	OR	ON	2009/09/01 08:48
S72	58439	(press$3 near fit$4)	FPRS; EPO; JPO; DERWENT	OR	ON	2009/09/01 08:48
S73	0	S70	FPRS; EPO; JPO; DERWENT	OR	ON	2009/09/01 08:48
S74	115108	deform or knurl	FPRS; EPO; JPO; DERWENT	OR	ON	2009/09/01 08:49
S75	1049	S72 and S74	FPRS; EPO; JPO; DERWENT	OR	ON	2009/09/01 08:49
S76	241527	deform$3 or knurl$3	FPRS; EPO; JPO; DERWENT	OR	ON	2009/09/01 08:52
S77	2323	S72 and S76	FPRS; EPO; JPO; DERWENT	OR	ON	2009/09/01 08:52
S78	1447003	((cam ajd shaft) or camshaft)	FPRS; EPO; JPO; DERWENT	OR	ON	2009/09/01 08:52
S79	471	S77 and S78	FPRS; EPO; JPO; DERWENT	OR	ON	2009/09/01 08:53
S80	487	chuck same chamfer	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/01 17:23
S82	26	chuck near require$2 near key	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/02 09:54

S83	0	("5307708,4903543").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/03 10:11
S84	0	("5307708|4903543").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/03 10:11
S85	0	("5307708|4903543").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/03 10:11
S86	1	("5307708").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/03 10:11
S87	1	("4903543").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/03 10:11
S88	1	("4265388").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/03 10:11
S89	1	("20020093014").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/03 10:12
S90	2	(("6416245") or ("5419217")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/03 10:12
S91	0	("1990jp-0050541").PN.	FPRS; EPO; JPO; DERWENT	OR	OFF	2009/09/03 10:14
S92	0	(02/150541).APP.	FPRS; EPO; JPO; DERWENT	OR	OFF	2009/09/03 10:14
S93	0	1990jp-0050541.ap,prai.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/03 10:15
S94	0	1990jp-0150541.ap,prai.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/03 10:15
S95	0	1991EP-0462081.ap,prai.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/03 10:16
S96	22	"462081"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/03 10:16
S97	13	"462081"	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:17
S98	6	"2156937"	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:18
S99	1	"02150541"	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:19

S100	451	((29/783) or (20/790) or (29/795)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/14 15:16
S101	1	("5419217").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/14 17:02
S102	1	("5307708").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/14 17:04
S103	1	("20040111883").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/24 12:38
S104	1	("6993837").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/24 12:39
S105	1	("6718924").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/24 12:39
S106	1	("5054182").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/24 12:41
S107	1	("4983797").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/24 12:43
S108	1	("3999277").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/24 12:44
S109	7	(US-20060005385-$ or US-20040111883-$).did. or (US-6993837-$ or US-4983797-$ or US-3999277-$ or US-5054182-$ or US-6718924-$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 12:52
S110	2	"burgler, robert".in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 14:10
S111	445	(198/346.2).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/05 08:13
S112	0	S111 and knurl$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/05 08:16
S113	247	(198/346.3).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/05 08:17
S114	0	S113 and knurl$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/05 08:26
S115	0	S113 and deform$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/05 08:27
S116	21	S111 and deform$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/05 08:27
S117	179	(198/341.05).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/06 08:00
S118	445	(198/346.2).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/06 08:01
S119	247	(198/346.3).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/06 08:01

S120	423	(S117 or S118 or S119) and shaft	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/06 08:01
S121	256	(S117 or S118 or S119) and shaft and (spin or turn)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/06 08:22
S122	8	(S117 or S118 or S119) and camshaft	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/06 08:23
S123	8	("20020148704" | "3889797" | "4722653" | "4747193" | "4890969" | "5273392" | "5353495" | "6854583").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/06 08:24
S124	2	"20050241129"	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/06 08:38
S125	15	"5419217"	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/06 08:57
S126	1	("5419217").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/06 08:57
S127	6	(("7188548") or ("7036397") or ("7028585") or ("6755097") or ("7128313") or ("6402130")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/06 09:04
S128	0	S127 and camshaft	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/06 09:06
S129	871	(269/43).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/06 09:07
S130	2	S129 and camshaft	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/06 09:08
S131	926	((269/37) or (81/57.5) or (81/57.33)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/06 09:08
S132	1	S131 and camshaft	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/06 09:09
S133	93	S131 and cam	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/06 09:09
S134	24	S131 and cam and (knurl or thread)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/06 09:10
S135	1029	((29/888.1) or (403/282) or (196/346.3)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/06 16:27
S136	0	(196/346.3).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/06 17:06
S137	247	(198/346.3).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/06 17:06

10/13/2009 11:34:21 AM

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